Mountain Ash Urban District Council

Annual Report

of the Medical Officer of Health

1947

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MOUNTAIN ASH URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the Medical Officer of Health

FOR THE YEAR ENDED
THIRTY - FIRST DECEMBER
ONE THOUSAND NINE
HUNDRED AND FORTY-SEVEN

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MOUNTAIN ASH URBAN DISTRICT COUNCIL

Medical Officer of Health's Annual Report

PUBLIC HEALTH OFFICES,
OXFORD STREET,
MOUNTAIN ASH,
September 28th, 1948.

To the Chairman and Members of the Mountain Ash Urban District Council.

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary condition of the District, and of the work carried out by your Officers of the Public Health Department including the Tables of Vital Statistics for the year ended 31st December, 1947.

The Report is curtailed in accordance with the circulars issued by the Welsh Board of Health.

GENERAL STATISTICS.

Area of the District (in acres)	10,504
Population	31,480
Number of inhabited houses (end of 1947) according to the Rate Books	7,920
Rateable Value	£104,684
Sum represented by a Penny Rate	£384

EXTRACT FROM THE VITAL STATISTICS FOR THE YEAR.

	Total.	Male.	Female.
Live Births : Legitimate	633	327	306
,, Illegitimate	21	12	9
Birth-rate per 1,000 of the resident Population	20.8		
Still-births : Legitimate	30	14	16
,, Illegitimate	1	1	—
Rate per 1,000 (live and still) births ...	45.2		
Death-rate per 1,000 estimated average population	14.9		
Deaths	468		

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar General's Short List) :—

	Deaths.	Rate per 1,000 Total (live & still) birth
No. 29.—Puerperal Sepsis	Nil	Nil
No. 30—Other Maternal Causes ...	1	1.4
Total	1	1.4

BIRTHS.

The number of births registered in the district during the year was 654. The number of males was 339, and of females 315. This gives a birth-rate of 20.8 per 1,000 inhabitants on a population of 31,480 (Registrar General).

The birth-rate for the year is .3 per 1,000 higher than the rate for England and Wales, 2.5 lower than the rate for the County Boroughs and Great Towns, and 1.4 lower than the rate for towns ranging 25,000 to 50,000 inhabitants (Mountain Ash is placed in this group) at the census taken 1931.

The number of illegitimate children registered was 21. This is equivalent to an illegitimate rate of 32.1 per 1,000 births registered.

INFANT MORTALITY.

The number of deaths of infants under one year of age registered in the district during the year 1947 was 48, of

INFANT MORTALITY.—Net Deaths from stated causes at various ages under 1 year of age.

Cause of Death	*Under 1 week*	1-2 *weeks*	2-3 *weeks*	3-4 *weeks*	*Total under 4 weeks*	1-3 *4 weeks and under 3 months*	3-6 *3 months and under 6 months*	6-9 *6 months and under 9 months*	9-12 *9 months and under 12 months*	*Total Deaths under 1 year*
1	2	3	4	5	6	7	8	9	10	11
Measles	—	—	—	—	—	—	—	1	—	1
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis ...	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	1	1	2
Diphtheria	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis ...	—	—	—	—	—	—	—	—	—	—
Other T.B. Diseases ...	—	—	—	—	—	—	—	—	2	2
Convulsions	1	—	—	—	1	5	1	—	1	8
Influenza	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	1	—	—	—	1
Pneumonia all forms ...	—	—	—	—	—	1	1	2	—	4
Diarrhoea	—	—	—	—	—	2	1	2	1	6
Enteritis	—	—	—	—	—	—	—	—	—	—
Gastritis	—	—	—	—	—	—	—	—	—	—
Syphilis	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
Suffocation, Accidental ...	—	—	—	—	—	1	—	—	—	1
Injury at Birth ...	1	—	—	—	1	—	—	—	—	1
Atelectasis	1	—	—	—	1	—	—	—	—	1
Congenital Malformations ...	2	—	—	—	2	—	—	—	—	2
Premature Birth	11	1	—	—	12	2	—	—	—	14
Atrophy, Debility and Marasmus ...	2	1	—	—	3	—	—	1	—	4
Other Causes	—	1	—	—	1	—	—	—	—	1
Ill-defined Diseases ...	—	—	—	—	—	—	—	—	—	—
GRAND TOTAL ...	18	3	—	—	21	12	3	7	5	48

DEATHS Registered during the Calendar Year 1947, classified by age and causes.

Name of District—MOUNTAIN ASH.

ANALYSIS OF NETT DEATHS ACCORDING TO AGE.

Cause of Death	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District												
	Under One year	*1 and under 2 years*	*2 and under 3 years*	*3 and under 4 years*	*4 and under 5 years*	*5 and under 10 years*	*10 and under 15 years*	*15 and under 20 years*	*20 and under 35 years*	*35 and under 45 years*	*45 and under 65 years*	*65 and upwards*	*Total*
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Typhoid and Para Typhoid Fevers ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	1	—	—	1	2
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	2	—	—	—	—	—	—	—	—	—	—	—	2
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of Respiratory System ...	—	—	—	—	—	—	—	2	9	2	6	1	20
Other Forms of Tuberculosis ...	2	1	—	1	—	—	—	—	—	1	1	—	6
Syphilitic Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	—	—	3	4	7
Measles	1	—	—	—	—	—	—	—	—	—	—	—	1
Acute polio-myelitis and polio-encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer	—	—	—	—	—	—	—	—	—	3	19	24	46
Diabetes	—	—	—	—	—	—	—	—	—	—	—	2	2
Intra-cranial Vascular Lesions ...	—	—	—	—	—	—	—	—	1	—	9	40	50
Heart Disease	—	—	—	—	—	—	—	1	1	1	21	74	98
Other Diseases of the Circulatory System	—	—	—	—	—	—	—	—	1	—	—	3	4
Bronchitis	1	—	1	—	—	—	—	—	1	—	15	35	53
Pneumonia	4	—	—	1	—	—	—	1	—	—	1	1	8
Other Respiratory Diseases ...	—	—	—	—	—	—	—	—	1	—	12	11	24
Ulcer of Stomach or Duodenum ...	—	—	—	—	—	—	—	—	—	—	2	3	5
Diarrhoea (under 2 years of age) ...	6	—	—	—	—	—	—	—	—	—	—	—	6
Appendicitis	—	—	—	—	—	—	—	—	2	1	—	1	4
Other Digestive Diseases	—	—	—	—	—	—	—	—	—	—	3	2	5
Nephritis	—	—	—	—	—	1	1	—	—	—	4	1	7
Puerperal and Post-abortive Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Maternal Causes	—	—	—	—	—	—	—	—	—	1	—	—	1
Premature Birth	14	—	—	—	—	—	—	—	—	—	—	—	14
Congenital Malformations, Birth Injury, Infantile Disease ...	12	—	—	—	—	—	—	—	—	—	—	—	12
Suicide	—	—	—	—	—	—	—	1	—	—	3	1	5
Violent Deaths	1	—	—	—	1	—	—	—	1	2	4	2	11
All other causes	5	—	1	—	—	—	1	1	6	4	7	50	75
GRAND TOTAL ...	48	1	2	2	1	1	2	6	24	15	110	256	468

these 23 were males and 25 females. This gives an infantile death-rate of 73 per 1,000 births registered, and 1.5 per 1,000 of the inhabitants of the area.

This shews an increase of 23.0 infantile deaths per 1,000 births registered on the rate for the year 1946.

The neo-natal mortality (the number of deaths during the first month of life) was 32.1 per 1,000 births, and 43.7 per cent. of the infantile death-rate.

I append a table showing the number of deaths of infants under one year of age, and the infantile death-rate per 1,000 births for the past ten years :—

Year	**1938**	**1939**	**1940**	**1941**	**1942**
Number of Deaths	26	45	31	41	28
Death-rate per 1,000 births ...	45.7	76.9	53.0	65.0	45.7
Year	**1943**	**1944**	**1945**	**1946**	**1947**
Number of Deaths	27	33	35	32	48
Death-rate per 1,000 births ...	46.4	51.9	57.0	50.0	73.0

STILL BIRTHS.

The number of still-births registered during the year was 31, and is 4.5 per cent. of the total number of births registered.

DEATHS (All Ages).

The number of deaths in the district during the year was 468. This gives a death rate of 14.9 per 1,000 upon an estimated population of 31,480.

The causes of death in the various age groups were as set out in the following tables :—

STAFF OF PUBLIC HEALTH DEPARTMENT.

The following changes in Staff occurred during the year :—

Mrs. Margaret E. Davies, was appointed Health Visitor, and commenced duties on 3rd March, 1947, but resigned her appointment in October, 1947.

Mr. W. C. Griffiths was appointed Sanitary Inspector, commenced duties on the 21st April, 1947.

AMBULANCE FACILITIES.

Ambulance facilities for the District are as set out in previous Annual Reports.

CLINICS AND TREATMENT CENTRES.

Maternity and Child Welfare Centre.

For Duffryn, Darranlas and Miskin Wards—The School Clinic, Aberdare Road, Mountain Ash.

For Penrhiwceiber Ward—Jerusalem Chapel Vestry, Penrhiwceiber Road, Penrhiwceiber.

For Matthewstown and Ynysboeth—The School Clinic, Avondale Street, Ynysboeth, Abercynon.

For Abercynon Ward—The School Clinic, Walter Street Abercynon.

For Ynysybwl Ward—The School Clinic, Trerobert School, Ynysybwl.

Treatment of all children under 5 years of age is undertaken at the Clinics.

Ante-Natal Clinics.

For Duffryn Darranlas Miskin and Penrhiwceiber Wards—The School Clinic, Aberdare Road, Mountain Ash.

For Matthewstown and Ynysboeth—School Clinic, Avondale Street, Ynysboeth Abercynon.

For Abercynon—School Clinic, Walter St., Abercynon.

For Ynysybwl—School Clinic, Thompson St., Ynysybwl.

HOSPITALS.

Mountain Ash and Penrhiwceiber General Hospital.

The arrangements between the Hospital Committee and the Council that children of the area who require a general anaesthetic for dental treatment and treatment for tonsils and adenoids, shall be treated at the Hospital, was continued during the year under review. 75 school children and children of pre-school age were operated upon during the year.

Maternity (Lady Aberdare) Hospital.

The number of patients admitted to the Hospital during the year was 359. The number of patients delivered was 220, of whom 190 were delivered by midwives, and 30 delivered by doctors. Of the patients admitted and delivered 123 were primiparae, and 97 multiparae.

139 ante-natal cases were treated during the year.

Nine infant deaths occurred during the year and there were 9 still-births.

Isolation Hospital.

The number of cases admitted and treated during the year was :—

Diphtheria	19
Larynheal diphtheria ...	3
Scarlet fever	41
Erysipelas	2
	65

There were 10 patients in Hospital on the 31st December, 1946 : 65 patients were admitted during the year. 71 were discharged, leaving 4 patients in Hospital on the 31st December, 1947. There were no deaths at the Hospital during the year.

The arrangements for the treatment of patients suffering from small-pox, tuberculosis, for orthopaedic treatment, and at Hospitals controlled by the Public Assistance Committee are as mentioned in the previous Annual Reports.

Maternity and Child Welfare

MILK (MOTHERS AND CHILDREN) ORDER, 1919.

The sale of dried milk, virol and colact was continued at the Centres during the year under review.

The value of the foods sold at the Centres during the year was £1,807 16s. 10d.

MIDWIFERY SERVICES.

The following named midwives have been appointed as full-time midwives for this area by the Glamorgan County Council, who are the Local Supervising Authority :—

Mrs. Margaret Vale, 7 Ivor Street, Mountain Ash.

Mrs. B. Hearth, 10 Miskin Terrace, Mountain Ash.

Mrs. E. R. Cork, Haulfryn, Penybryn Tce., Penrhiwceiber

Mrs. Gwenllian A. Blake, 4 Walter St., Abercynon.

Mrs. Olwen Evans, 85 Park View. Abercynon.

Mrs. Rachel Williams, 6 High Street, Ynysybwl.

Mrs. K. Murphy, 141 Penrhiwceiber Road, Penrhiwceiber (*commenced* 1/7/47).

Mrs. E. Dorman Lewis, Frondeg, Matthewstown, Penrhiwceiber (*terminated* 1947).

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

There is no institutional provision for unmarried mothers, illegitimate infants and homeless children in the district other than that provided by the Public Assistance Committee

PUBLIC HEALTH ACT, 1936 (Sections 203-204).

I append hereunder the Health Visitors' Reports for the year :—

MOUNTAIN ASH DISTRICT (Health Visitor, Miss JAMES)

First Visits	*Mountain Ash*
First Quarter...	63
Second Quarter	47
Third Quarter	48
Fourth Quarter	44
Total	202

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	20	20	27	13	80
Breast Fed & Otherwise ...	5	5	5	6	21
Cow's Milk	2	—	3	9	14
Condensed Milk	1	3	2	2	8
Patent Food	35	19	11	14	79
Total	63	47	48	44	202

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Otherwise*	*Cow's Milk*	*Condensed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Removals*	*Total*
1st Quarter	15	4	2	2	37	17	5	—	80
2nd Quarter	53	14	19	9	192	158	1	5	751
3rd Quarter	24	9	29	5	97	136	3	7	310
4th Quarter	34	9	—	3	123	46	2	4	221
Total ...	126	36	50	19	449	357	11	16	1362

Still Births	10
Pneumonia	6
Puerperal Pyrexia	1
Infant Welfare Centre—No. of visits	1667
No. of Women at Ante-Natal Clinic	196
No. of Attendances at Ante-Natal Clinic	800
Home visits	148

Treatment : Otorrhoea 4 ; Sores 2 ; Blepharitis 4 ; Rash 1 ; Scabies 1 ; Eczema 1.

PENRHIWCEIBER AND YNYSBOETH DISTRICT

(Health Visitor, Mrs. M. DAVIES).

First Visits	*Penrhiwceiber & Ynysboeth*
First Quarter	60
Second Quarter ...	70
Third Quarter	70
Fourth Quarter ...	47
Total ...	247

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	28	36	40	22	126
Breast Fed & Otherwise ...	9	5	—	3	17
Cow's Milk	3	2	—	2	7
Condensed Milk	—	3	—	1	4
Patent Food	20	24	30	19	93
Total	60	70	70	47	247

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Other-wise*	*Cow's Milk*	*Con-densed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Re-movals*	*Total*
1st Quarter	24	8	7	7	71	45	4	—	165
2nd Quarter	128	60	2	3	170	210	3	—	576
3rd Quarter	80	65	1	3	65	156	4	—	374
4th Quarter	39	—	—	—	97	134	2	—	272
Total ...	271	133	10	13	403	440	13	—	1387

Still Births	3
Pneumonia	23
Puerperal Pyrexia	—
Infant Welfare Centre—No. of Visits	2293
No. of Women at Ante-Natal Clinic	175
No. of Attendances at Ante-Natal Clinic	553
Home Visits	8

Treatments : Otorrhoea 3 ; Opthalmia 4 ; Sores 4.

ABERCYNON & YNYSYBWL DISTRICT (Health Visitor, Mrs. O. JONES)

First Visits	*Abercynon & Ynysybwl*
First Quarter	55
Second Quarter ...	54
Third Quarter	63
Fourth Quarter ...	41
Total	213

The children visited for the first time were found to be fed as follows :

Feedings.	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	29	40	33	22	124
Breast Fed and Otherwise ...	—	—	—	—	—
Cows Milk	—	—	—	—	—
Condensed Milk	—	—	—	—	—
Patent Food	26	23	21	19	89
Total	55	63	54	41	213

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Otherwise*	*Cow's Milk*	*Condensed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Removals*	*Total*
1st Quarter	49	6	3	2	84	181	3	—	328
2nd Quarter	43	12	12	2	81	113	2	—	265
3rd Quarter	38	4	12	2	77	319	2	—	454
4th Quarter	34	9	—	2	44	107	1	—	197
Total ...	164	31	27	8	286	720	8	—	1244

Still Births	6
Pneumonia	4
Puerperal Pyrexia	—
Infant Welfare Centre—No. of visits	2635
No. of Women at Ante-Natal Clinic	181
No. of Attendances at Ante-Natal Clinic	240
Home Visits	145

Treatment : Eczema 2 ; Scabies 2 ; Otorrhoea 10 ; Hernia 24 ; Phimosis 5 ; Impetigo 10 ; Sores 5 ; Rash 8 ; Burns 1 ; Opthalmia 2

DENTAL, ORTHOPAEDIC AND OPHTHALMIC TREATMENT.

Arrangements are made with the Glamorgan County Council for dental, orthopaedic and ophthalmic treatment for Maternity and Child Welfare cases in the Mountain Ash area, and the following is a report as submitted by Dr. A. R. Culley, County Medical Officer of Health :—

Dental—

Number of visits by mothers to Dental Clinics	216
Number of visits by infants	30

Orthopaedic Treatment—

Number of visits by pre-school age children to Orthopaedic Clinics—	
Ynysboeth Clinic	140
Pontypridd Clinic ...	11

Ophthalmic Treatment—

Number of children examined	12
Number of cases in which glasses were prescribed	8

Sanitary Circumstances of the Area

WATER SUPPLY.

During the continued drought in 1947, which extended into November, the areas supplied by the Clydach and Perthcelyn Reservoirs were cut off between the hours of 5 p.m. and 8 a.m., the areas supplied from the Darranlas Reservoir between the hours of 6 p.m. and 7 a.m., and the Abercynon area from 10 p.m. to 6 a.m. Appeals by handbills were made to householders to conserve the supply.

The samples from Perthcelyn Reservoir, when the height of the water was very low, were on analysis found to be unsatisfactory. and the dosage of cholrine was increased accordingly.

110 samples of water (55 chemical and 55 bacteriological) were taken and sent to the Analyst for examination. 14 samples (7 chemical and 7 bacteriological) were found to be unsatisfactory. Consultations were held with the Analyst as to the cause of this.

The usual precautions for the protection of the safety of the water supplies were taken. These precautions are the inspection of gathering areas and chlorination.

Plumbo-Solvency.

The water supplies generally are soft, and there is, therefore, a danger of contamination by lead. All supplies which are soft are treated with chalk to eliminate this danger.

Apart from a few houses and outlying farms the whole of the population is supplied from the Council's mains. The estimated population supplied from the Council's mains is 31 740, the estimated population not supplied from the mains supply is 140.

Swimming Baths Water.

4 samples of baths water (2 chemical and 2 bacteriological) were taken from the Gwernifor Swimming Baths. and sent to the Analyst for examination. All samples were satisfactory.

SUMMARY OF WORK DONE BY THE SANITARY INSPECTORS.

Houses and premises inspected and re-visited ...	4056
Number of Notices served under Section 93, Public Heath Act 1936 :—	
Informal	676
Statutory	407
General Repairs—	
Chimneys and fireplaces	166
Roofs	331
Eavesgutters and downpipes	282
External walls	71
Windows and doors	126
Internal walls, partitions and ceilings	133
Floors	70
Yards	61
Dry areas provided	3
Boundary Walls	44
Pantries	73
Wash houses and coal houses	10
Dirty premises	9
Fowl cots removed	1
Insanitary stables	—
Keeping of animals (nuisances)	1
Accummulations	9
Repairs to water services	55
Section 39, Public Health Act, 1936—	
Number of Notices served	63

Drainage—

Renewed and relaid	113
Drains tested	158
Wash-up sinks provided and repaired	18

Section 45, Public Health Act, 1936—

Number of Notices served	188

Sanitary Conveniences—

General repairs	197
Cesspools cleaned	5
New sanitary conveniences erected	5

Factory Act, 1937—

Number of bakehouses on register	12
Number of factories	90
Number of visits	241
Number of notices served	4

Milk and Dairies Order—

Number of cowsheds on register	29
Number of retailers on register	26
Number of cowsheds up to standard	26
Number of visits	117
Number of notices served	3
Number of samples of milk taken	45

Fish Fryers—

Number in districts	18
Number of visits	74
Number of notices served	2

Infectious Diseases—

Number of cases visited :—

Scarlet Fever	56
Diphtheria	22
Cerebro-spinal Fever	8
Erysiplas	3
Acute Poliomyelitis	2

List of bedding, etc., disinfected—

Mattresses	100
Blankets	500
Pillows	200
Books	200
Houses	107
Extra articles	100

RATS AND MICE DESTRUCTION ACT 1919.

INFESTATION ORDER, 1943.

The scheme as laid down by the Ministry of Food Circular N.S. 12 was continued and the following work carried out :—

(1) Number of dwelling houses surveyed ... 211

(2) Number of dwelling houses treated 80

(3) Number of business premises treated ... 3

(4) The portions of the rivers Taff Cynon and Clydach within the area were treated, also all water courses, embankments, refuse tips and sewers.

(5) The survey and treatment of colliery surfaces was carried out, and the following is the estimated kill worked out in accordance with the Ministry of Food formula :—

Colliery.	*Estimated kill.*
Deep Duffryn Colliery, Mountain Ash	70
Navigation & Abergorki Collieries ...	340
Cwmcynon Colliery, Penrhiwceiber ...	587
Penrikyber Colliery, Penrhiwceiber	375
Lady Windsor Colliery, Ynysybwl ...	479
Total	1,851

The N.S. 12 Scheme was completed on 22nd March, 1947 and the grand total of estimated kills is as follows :—

Mountain Ash	2430
Abercynon	2770
Ynysybwl...	2782
Total	7,982

Thereafter the Council continued to employ one man as Rodent Operative, and the following work was carried out :—

Number of premises (private dwellings, business premises, gardens, piggeries, refuse, tips, water courses and rivers) surveyed	1442
Number of private dwellings treated	20
Number of business premises treated	19
Number of water courses treated	16
Number of refuse tips treated	14
Number of piggeries treated	3
Number of Hospitals treated	1
Number of Schools treated	4
Number of Canteens treated	6
Number of Sewer beds treated	3

The maintenance treatments of the sewers throughout the area were commenced on 2nd June and 24th November, and completed on 25th June and 17th December respectively.

All sewer beds were treated at the same time as the sewers. These treatments were carried out in accordance with the recommendation of the Ministry of Food. The bait used was sausage rusk, and the poison zinc phosphide.

Inspection and Supervision of Food

FOOD AND DRUGS ACT, 1938.

Milk and Dairies Regulations, 1926-1943.

All farms and dairies have been inspected periodically.

64 samples of milk (38 taken by the Sanitary Inspector and 26 taken by the County Sanitary Inspector under Defence Regulation 55G) were taken during the year and sent to the Laboratory for bacterialogical examination and chemical tests.

14 samples (2 taken under Defence Regulation 55G) were found to be unsatisfactory.

18 samples were submitted for examination for tubercle bacilli, the bacilli being present in one sample. Action was taken through the County Medical Officer and the Divisional Veterinary Officer of the Ministry of Agriculture.

The Ministry of Agriculture undertook the taking of samples of milk for keeping quality, this being discontinued by this department.

THE MILK (Special Designations) ORDERS, 1936 & 1938.

Pasteurised milk is the only milk sold under the above mentioned Order in the district. 8 licences were issued during the year to sellers of pasteurised milk, and one licence for use of special designation "Pasteurised" in relation to milk pasteurised within the area.

All milk supplied to school children of this area at the schools is pasteurised.

37 samples of pasteurised and heat treated milk were submitted for bacteriological examination, and, of these two were found to be unsatisfactory.

THE ICE CREAM (Heat Treatment, etc.) REGULATIONS, 1947.

All premises where ice cream is manufactured and sold throughout the area have been inspected regularly.

64 samples of ice cream were taken for chemical and bacterialogical examination with the following results :—

Provisional Grade 1 (Satisfactory)	Provisional Grade 2 (Fair)	Provisional Grade 3 (Un-satisfactory)	Provisional Grade 4 (Very Unsatisfactory)
26	22	6	10

The producers of the unsatisfactory samples were visited with the results that their samples improved.

INSPECTION OF MEAT AND OTHER FOODS.

Notices of intended slaughter of 78 cottagers' pigs were received by the Public Health Department and the carcases and organs were examined by the Inspectors.

The following were found upon examination to be unfit for human consumption were voluntarily surrendered and destroyed :—

	Weight in lbs.
Pork	74
Cheese	15½
Jam	26
Tea	1½
‡Dried Fruit	591
Tinned Goods	1,446
Flour	15
Sugar	44
Butter and Margarine	10½
*Tinned Meat	514
†Imported and English Beef	552¼
Bacon	123
Cereals	305
Pudding Mixture	82
Dried Egg	2
Imported Liver	12
Sausages	14

* Returned to Salvage Officer of Ministry of Food to be used for animal feeding after reprocessing.

† Returned to Distributing Centre of Ministry of Food.

‡ 275 lbs. returned to Salvage Officer.

SHOPS AND VEHICLES.

All shops where meat is sold and prepared for sale were inspected during the year. Motor lorries and vans used for the tramsportation and sale of meat were also kept under observation.

Laboratory Work

CHEMICAL AND BACTERIOLOGICAL EXAMINATION.

Arrangements have been made with the Glamorgan County Council for the chemical and bacteriological examination of specimens from this area, at the Cardiff and County Public Health Laboratory, Cardiff.

All medical practitioners in the district have been informed that outfits for the collection and tramsmission of specimens are always kept at the Public Health Offices.

I append a table shewing the nature and number of specimens sent for examination, and the results :—

Disease suspected.	No. of Specimens.	Results. Positive.	Negative
Diphtheria : Throat swabs ...	122	9	113
,, Nasal Swabs ...	15	1	14
Tuberculosis : Sputum ...	8	—	8
Malaria : Blood	1	—	1
Vincents	1	—	1
Cerebro-Spinal Fever : Fluid ...	1	—	1
Enteric : Faeces	1	—	1
,, Urine	1	—	1
,, Blood	1	—	1

Notifiable Diseases

The following tables shew the age and ward distribution of the cases of infectious disease notified during the year under review :—

NOTIFIABLE DISEASES DURING THE YEAR.

Diseases.		*Total Cases Notified*	*Number of Cases recorded on Form 118e (corrected figures)*	*Cases admitted to Hospital*	*Total Deaths*
Scarlet Fever		56	56	41	—
Diphtheria		22	8	22	—
Pneumonia		36	36	—	8
Cerebro-spinal Fever ...		8	7	8	2
Whooping Cough		34	34	—	2
Measles		151	151	—	1
Puerperal Pyrexia ...		1	1	—	—
Erysipelas		3	3	2	—
Acute Poliomyelivis ...		2	2	2	—
Ophthalmia-Neonotorum...		1	1	—	—
Tuberculosis :—					
(*a*) Pulmonary	Males ...	25	—	11	13
	Females	23	—	11	7
	Total ...	48	—	22	20
(*b*) Non-Pulmonary	Males ...	3	—	4	4
	Females	2	—	1	2
	Total ...	5	—	5	6

NOTIFIABLE DISEASES DURING THE YEAR.

DIPHTHERIA IMMUNISATION.

The following number of children were immunised during the year under review—under 5 years of age, 601, and from 5 to 15 years of age, 54. A total of 655 children treated.

ANTITOXIN AND SERUM.

A sufficient supply of diphtheria antitoxin is always kept at the Public Health Offices, and is supplied free of charge to the Medical Practitioners of the area.

DISINFECTION.

The houses of all sufferers from infectious disease are, on the termination of the illness or when patients are removed to Hospital disinfected by spraying with liquid disinfectant or fumigated with formaldehyde gas.

Infected bedding, clothing, etc., are removed to the Isolation Hospital, and treated by a Thresh's Steam Disinfector.

The number of articles treated at the Steam Disinfector will be found in the summary of work carried out by the Sanitary Inspectors.

REPORT ON TUBERCULOSIS VISITS.

The number of visits paid to persons during the year was :—

First visits	51
Re-visits	184
Total number of visits	235

Pulmonary and other Cases of Tuberculosis Notified by Medical Practitioners during 1947.

Ages	WARDS														TUBERCULOSIS MORTALITY	
	MALES							FEMALES								
	Duffryn	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Duffryn*	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Males*	*Females*
PULMONARY TUBERCULOSIS																
Under 1 year ...	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—
1 to 5 years ...	—	2	—	—	—	—	2	—	1	—	—	—	—	1	—	—
5 to 10 years ...	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
10 to 15 years ...	—	—	—	2	—	—	2	—	—	—	—	—	—	—	—	—
15 to 20 years ...	—	1	—	—	4	—	5	1	1	—	2	1	1	6	1	1
20 to 25 years ...	—	—	1	1	—	—	2	—	—	—	1	2	1	4	1	2
25 to 35 years ...	—	3	1	2	2	—	8	—	—	2	3	3	1	9	2	4
35 to 45 years ...	—	2	—	—	1	—	3	—	—	—	1	—	—	1	2	—
45 to 55 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
55 to 65 years ...	1	—	—	1	—	—	2	—	—	—	—	—	—	—	4	—
65 years and over ...	—	—	1	—	—	—	1	—	—	—	—	—	—	—	1	—
TOTAL ...	1	8	3	6	7	—	25	1	2	3	7	7	3	23	13	7
OTHER FORMS OF TUBERCULOSIS																
Under 1 year ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
1 to 5 years ...	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
5 to 10 years ...	—	1	—	1	—	—	2	—	—	—	—	—	—	—	—	—
10 to 15 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 to 20 years ...	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
20 to 25 years ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—
25 to 35 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35 to 45 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
45 to 55 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55 to 65 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
65 years and over ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ...	—	1	—	1	—	1	3	—	—	1	1	—	—	2	4	2

Cases Admitted, Treated and Discharged from various Sanatoria and Hospitals during 1947.

Name of Institution	WARDS													
	MALES.							FEMALES.						
	Duffryn	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Duffryn*	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*
Glan Ely Hospital	—	1	—	2	2	1	6	—	—	—	—	—	—	—
Pontsarn Hospital	1	—	2	4	3	—	10	1	—	4	1	5	—	11
Kensington Hospital, St. Brides	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Mardy Hospital, ...	—	—	1	—	1	—	2	—	1	—	1	1	—	3
Sully Hospital	—	—	—	2	—	2	4	—	—	1	1	2	—	4
North Wales Sanatorium, Llangwyfan	—	—	—	1	—	—	1	—	—	—	—	1	1	2
South Wales Sanatorium, Talgarth ...	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Morriston Emergency Hospital ...	—	—	—	1	—	1	2	—	—	—	—	—	—	—
Sealyham Hospital	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Adelina Patti Hospital, Swansea ...	—	1	—	—	—	—	1	—	—	—	—	—	—	—
TOTAL	1	2	3	10	6	6	28	1	1	5	3	10	1	21

The cases visited were :—

Adults :

Pulmonary	207
Non-pulmonary	12

Children of school age :—

Pulmonary	6
Non-pulmonary	4

Children under school age :

Pulmonary	4
Non-pulmonary	2

I append a table shewing the age and ward distribution of all cases notified, and the number treated at the various sanatoria :—

MENNA M. PRICE,

Medical Officer of Health.